

# KY COVID-19 Report

## 21FEB22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,264,329	873,159	391,170
Deaths	13,647	11,925	1,722
New Cases	969	634	335
New Cases 18 and Under	191	120	71
Total New Deaths	21	17	4

Duplicates and records not meeting case criteria removed since last report: 31

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
105,788	8.4%	0-9	0.0%	2
176,817	14.0%	10-19	0.1%	10
215,831	17.1%	20-29	0.4%	60
200,853	15.9%	30-39	1.4%	190
181,289	14.3%	40-49	3.9%	534
163,283	12.9%	50-59	10.0%	1,362
118,449	9.4%	60-69	20.5%	2,793
66,178	5.2%	70-79	27.1%	3,695
35,585	2.8%	80+	36.6%	5,001
256	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,436	0.4%	American Indian	0.1%	17
10,152	1.0%	Asian	0.5%	60
82,976	7.9%	Black	6.9%	904
418	0.0%	Pacific Islander	0.1%	9
903,663	85.8%	White	89.6%	11,707
51,216	4.9%	Multiracial	2.8%	365

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,178	4.5%	Hispanic	1.5%	197
936,372	95.5%	Non-Hispanic	98.5%	12,530

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.3% of cases and 95.7% of deaths  
Ethnicity known for 77.6% of cases and 93.3% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,949	85,927	12.74%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

### Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
13,392,072	9,463,933	413,894	3,199,133	1,520,874	1,032,060	57,133	431,681

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	39,309	3.11%
Ever ICU	7,244	0.57%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,333
ICU	270
On Ventilator	141

## Current Overall Capacity\*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,045	5,979	54.1%
ICU Beds	1,129	253	81.7%
Ventilators	551	1,310	29.6%

\* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

## Current Regional Statistics\*

Region	COVID-19 Inpatient	COVID-19 ICU	COVID-19 on Ventilator	Inpatient Capacity Used for COVID-19	ICU Capacity Used for COVID-19	Ventilator Capacity Used for COVID-19	Inpatient Capacity in Use	ICU Capacity in Use	Ventilator Capacity in Use
Region 1	66	16	8	8.7%	23.5%	8.2%	51.58%	91.18%	20.62%
Region 2	68	13	8	8.7%	15.9%	9.2%	52.42%	76.83%	27.59%
Region 3	377	79	42	10.2%	21.4%	9.3%	56.88%	78.59%	35.33%
Region 4	60	15	9	7.3%	18.8%	7.3%	52.43%	91.25%	13.82%
Region 5	287	63	36	10.3%	18.5%	6.3%	56.31%	87.10%	35.21%
Region 6	78	6	4	6.5%	6.6%	6.1%	56.38%	82.42%	31.82%
Region 7	73	14	5	11.3%	17.3%	3.9%	51.09%	46.91%	12.40%
Region 8	176	35	22	14.9%	29.2%	13.0%	47.76%	85.83%	33.73%
Region 9	123	20	5	19.0%	20.8%	4.9%	53.70%	79.17%	19.61%
Region 10	25	9	2	5.2%	16.7%	2.9%	43.69%	96.30%	24.29%

\* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers include both confirmed and suspected patients. Red shading indicates regions with current inpatient, ICU, or ventilator capacity in use 80% or higher.

### Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

### Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

### Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

### Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

### Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

### Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

### Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

### Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

### Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

### Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

## Total Cases by County

County	Cases	Percent
Jefferson	218,320	17.3%
Fayette	91,997	7.3%
Warren	42,317	3.3%
Kenton	40,344	3.2%
Boone	35,747	2.8%
Hardin	31,999	2.5%
Daviess	30,581	2.4%
Madison	27,096	2.1%
Campbell	22,040	1.7%
Bullitt	20,760	1.6%
Laurel	17,952	1.4%
Oldham	17,808	1.4%
McCracken	17,597	1.4%
Pike	17,205	1.4%
Boyd	15,706	1.2%
Christian	15,477	1.2%
Scott	15,476	1.2%
Pulaski	15,382	1.2%
Jessamine	14,803	1.2%
Hopkins	14,401	1.1%
Nelson	14,182	1.1%
Whitley	13,598	1.1%
Henderson	13,523	1.1%
Shelby	12,982	1.0%
Franklin	12,908	1.0%
Barren	12,526	1.0%
Floyd	11,982	0.9%
Greenup	11,673	0.9%
Graves	11,276	0.9%
Knox	11,156	0.9%

County	Cases	Percent
Perry	10,006	0.8%
Muhlenberg	9,986	0.8%
Clark	9,646	0.8%
Harlan	8,889	0.7%
Bell	8,685	0.7%
Taylor	8,535	0.7%
Carter	8,283	0.7%
Marshall	8,249	0.7%
Boyle	8,235	0.7%
Logan	8,228	0.7%
Grayson	7,926	0.6%
Calloway	7,864	0.6%
Clay	7,596	0.6%
Ohio	7,225	0.6%
Mercer	7,199	0.6%
Grant	6,616	0.5%
Woodford	6,606	0.5%
Letcher	6,564	0.5%
Allen	6,480	0.5%
Montgomery	6,435	0.5%
Marion	6,290	0.5%
Rowan	6,245	0.5%
Lincoln	6,096	0.5%
Anderson	6,040	0.5%
Harrison	6,029	0.5%
Russell	6,024	0.5%
Bourbon	5,817	0.5%
Johnson	5,750	0.5%
Meade	5,696	0.5%
Simpson	5,560	0.4%

County	Cases	Percent
Adair	5,330	0.4%
Hart	5,300	0.4%
Spencer	5,210	0.4%
Breckinridge	4,936	0.4%
McCreary	4,922	0.4%
Rockcastle	4,918	0.4%
Wayne	4,874	0.4%
Henry	4,709	0.4%
Garrard	4,655	0.4%
Powell	4,625	0.4%
Mason	4,480	0.4%
Morgan	4,407	0.3%
Lewis	4,354	0.3%
Lawrence	4,337	0.3%
Union	4,230	0.3%
Jackson	4,116	0.3%
Estill	3,989	0.3%
Knott	3,893	0.3%
Caldwell	3,892	0.3%
Casey	3,852	0.3%
Webster	3,832	0.3%
Washington	3,799	0.3%
Butler	3,724	0.3%
Magoffin	3,689	0.3%
Larue	3,667	0.3%
Fleming	3,579	0.3%
Monroe	3,561	0.3%
Leslie	3,480	0.3%
Green	3,437	0.3%
Trigg	3,431	0.3%

County	Cases	Percent
Carroll	3,403	0.3%
Breathitt	3,401	0.3%
Pendleton	3,388	0.3%
Clinton	3,295	0.3%
Martin	3,126	0.2%
Todd	2,854	0.2%
Metcalfe	2,775	0.2%
Lee	2,767	0.2%
Lyon	2,751	0.2%
Bath	2,744	0.2%
McLean	2,587	0.2%
Edmonson	2,503	0.2%
Hancock	2,423	0.2%
Owen	2,330	0.2%
Wolfe	2,258	0.2%
Livingston	2,256	0.2%
Gallatin	2,152	0.2%
Elliott	2,150	0.2%
Trimble	2,122	0.2%
Cumberland	2,103	0.2%
Bracken	2,078	0.2%
Crittenden	1,988	0.2%
Nicholas	1,835	0.1%
Owsley	1,495	0.1%
Menifee	1,397	0.1%
Ballard	1,238	0.1%
Fulton	1,141	0.1%
Carlisle	951	0.1%
Hickman	811	0.1%
Robertson	603	0.0%

Total Cases  
1,264,329

## New Cases by County

County	Cases	Percent
Jefferson	108	11.1%
Fayette	88	9.1%
Laurel	43	4.4%
Henderson	30	3.1%
Knott	25	2.6%
Boone	24	2.5%
Scott	24	2.5%
Perry	23	2.4%
Warren	21	2.2%
Grayson	20	2.1%
Kenton	20	2.1%
Whitley	20	2.1%
Campbell	19	2.0%
Greenup	19	2.0%
Grant	18	1.9%
Wayne	18	1.9%
Franklin	17	1.8%
Jessamine	17	1.8%
Daviess	15	1.5%
Barren	14	1.4%
Knox	14	1.4%
Madison	14	1.4%
Hardin	13	1.3%
Clark	12	1.2%
Pike	11	1.1%
Union	11	1.1%
Bullitt	10	1.0%
Leslie	10	1.0%
Lincoln	10	1.0%
Adair	9	0.9%

County	Cases	Percent
Menifee	9	0.9%
Pulaski	9	0.9%
Martin	8	0.8%
Montgomery	8	0.8%
Breathitt	7	0.7%
Oldham	7	0.7%
Wolfe	7	0.7%
Woodford	7	0.7%
Allen	6	0.6%
Clay	6	0.6%
Harlan	6	0.6%
Hopkins	6	0.6%
Letcher	6	0.6%
McCreary	6	0.6%
Nelson	6	0.6%
Rockcastle	6	0.6%
Taylor	6	0.6%
Bath	5	0.5%
Bell	5	0.5%
Harrison	5	0.5%
Lee	5	0.5%
Lyon	5	0.5%
Morgan	5	0.5%
Webster	5	0.5%
Carter	4	0.4%
Estill	4	0.4%
Fleming	4	0.4%
Larue	4	0.4%
Meade	4	0.4%
Mercer	4	0.4%

County	Cases	Percent
Simpson	4	0.4%
Anderson	3	0.3%
Boyd	3	0.3%
Breckinridge	3	0.3%
Clinton	3	0.3%
Crittenden	3	0.3%
Edmonson	3	0.3%
Elliott	3	0.3%
Garrard	3	0.3%
Hancock	3	0.3%
Henry	3	0.3%
Livingston	3	0.3%
McCracken	3	0.3%
Muhlenberg	3	0.3%
Ohio	3	0.3%
Shelby	3	0.3%
Boyle	2	0.2%
Calloway	2	0.2%
Christian	2	0.2%
Cumberland	2	0.2%
Floyd	2	0.2%
Gallatin	2	0.2%
Johnson	2	0.2%
Lawrence	2	0.2%
Lewis	2	0.2%
Magoffin	2	0.2%
Marion	2	0.2%
Metcalfe	2	0.2%
Monroe	2	0.2%
Pendleton	2	0.2%

County	Cases	Percent
Powell	2	0.2%
Rowan	2	0.2%
Russell	2	0.2%
Ballard	1	0.1%
Bourbon	1	0.1%
Butler	1	0.1%
Carlisle	1	0.1%
Casey	1	0.1%
Graves	1	0.1%
Green	1	0.1%
Hart	1	0.1%
Jackson	1	0.1%
Logan	1	0.1%
Marshall	1	0.1%
Owen	1	0.1%
Trigg	1	0.1%
Washington	1	0.1%
Bracken	0	0.0%
Caldwell	0	0.0%
Carroll	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
McLean	0	0.0%
Mason	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Spencer	0	0.0%
Todd	0	0.0%
Trimble	0	0.0%

Total New Cases  
969

Total Deaths by County

County	Deaths	Percent
Jefferson	2,015	14.8%
Fayette	547	4.0%
Hardin	398	2.9%
Kenton	366	2.7%
Daviess	355	2.6%
Warren	331	2.4%
Boone	260	1.9%
Pulaski	252	1.8%
Madison	247	1.8%
Pike	243	1.8%
Hopkins	240	1.8%
McCracken	218	1.6%
Barren	201	1.5%
Laurel	199	1.5%
Christian	192	1.4%
Bullitt	185	1.4%
Harlan	178	1.3%
Boyd	159	1.2%
Floyd	157	1.2%
Whitley	156	1.1%
Graves	155	1.1%
Campbell	149	1.1%
Henderson	145	1.1%
Perry	144	1.1%
Shelby	144	1.1%
Nelson	134	1.0%
Franklin	133	1.0%
Bell	128	0.9%
Jessamine	128	0.9%
Oldham	125	0.9%

County	Deaths	Percent
Knox	123	0.9%
Greenup	122	0.9%
Boyle	121	0.9%
Lincoln	120	0.9%
Grayson	117	0.9%
Muhlenberg	114	0.8%
Logan	112	0.8%
Taylor	111	0.8%
Mercer	99	0.7%
Adair	98	0.7%
Carter	96	0.7%
Mason	96	0.7%
Ohio	95	0.7%
Marshall	93	0.7%
Allen	92	0.7%
Hart	92	0.7%
Scott	92	0.7%
Letcher	90	0.7%
Johnson	88	0.6%
Montgomery	87	0.6%
Wayne	86	0.6%
Simpson	82	0.6%
Calloway	81	0.6%
Lewis	78	0.6%
Russell	78	0.6%
Clay	77	0.6%
Marion	74	0.5%
McCreary	73	0.5%
Monroe	72	0.5%
Jackson	71	0.5%

County	Deaths	Percent
Garrard	69	0.5%
Breckinridge	67	0.5%
Larue	67	0.5%
Casey	66	0.5%
Meade	64	0.5%
Anderson	62	0.5%
Harrison	62	0.5%
Lawrence	59	0.4%
Caldwell	58	0.4%
Metcalfe	58	0.4%
Livingston	57	0.4%
Knott	55	0.4%
Washington	55	0.4%
Union	54	0.4%
Rowan	52	0.4%
Clark	51	0.4%
Rockcastle	51	0.4%
Breathitt	50	0.4%
Butler	49	0.4%
Grant	49	0.4%
Spencer	49	0.4%
Bourbon	48	0.4%
Lee	46	0.3%
McLean	46	0.3%
Webster	46	0.3%
Gallatin	45	0.3%
Henry	45	0.3%
Fleming	44	0.3%
Martin	44	0.3%
Woodford	44	0.3%

County	Deaths	Percent
Clinton	42	0.3%
Crittenden	42	0.3%
Todd	42	0.3%
Carroll	41	0.3%
Estill	41	0.3%
Trigg	41	0.3%
Leslie	39	0.3%
Magoffin	39	0.3%
Edmonson	38	0.3%
Bath	37	0.3%
Green	37	0.3%
Trimble	35	0.3%
Lyon	33	0.2%
Pendleton	33	0.2%
Powell	33	0.2%
Owen	32	0.2%
Menifee	30	0.2%
Nicholas	30	0.2%
Cumberland	28	0.2%
Ballard	27	0.2%
Bracken	23	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Robertson	21	0.2%
Hancock	20	0.1%
Carlisle	18	0.1%
Wolfe	18	0.1%
Morgan	17	0.1%
Elliott	16	0.1%

Total Deaths  
13,647

## Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

County	Rate
Perry	196.9
Lee	167.9
Leslie	163.4
Wolfe	129.7
Breathitt	126.7
Floyd	121.2
Menifee	118.9
Owsley	116.5
Knott	114.8
Letcher	114.7
Carter	112.5
Powell	112.1
Whitley	108.7
Martin	104.6
Lawrence	100.7
Jackson	96.5
Montgomery	92.8
Knox	92.7
McCreary	92.0
Clay	91.9
Jefferson	87.5
Bath	86.9
Magoffin	84.6
Russell	83.7
Harlan	81.8
Wayne	81.5
Casey	80.5
Estill	78.0
Bell	75.7
Greenup	75.7

County	Rate
Adair	73.7
Rowan	73.6
Taylor	69.9
Robertson	67.8
Green	66.6
Washington	66.1
Rockcastle	65.0
Laurel	64.8
Pulaski	64.0
Fleming	63.7
Lewis	61.3
Boyd	60.9
Clark	60.7
Mercer	56.7
Clinton	55.9
Morgan	55.8
Grayson	53.0
Madison	52.8
Pike	51.3
Metcalfe	51.1
Barren	50.4
Elliott	49.4
Lincoln	48.3
Livingston	46.6
Allen	46.2
Simpson	46.2
Hopkins	45.7
Anderson	45.2
Garrard	44.5
Monroe	44.3

County	Rate
Larue	43.7
Harrison	42.4
Bourbon	41.9
Hart	41.3
Butler	41.0
Hardin	40.8
Johnson	39.9
Carroll	39.0
Cumberland	38.9
Webster	38.6
Woodford	38.5
Trigg	38.0
Jessamine	36.4
Logan	36.4
Daviess	35.7
Boyle	35.2
Edmonson	34.1
Fayette	34.0
Spencer	33.2
Scott	32.8
Franklin	32.8
Shelby	32.1
Nelson	31.8
Marion	31.1
Christian	31.0
Bracken	31.0
Breckinridge	30.7
Ohio	30.4
Lyon	29.6
Oldham	28.4

County	Rate
Henry	28.3
Hancock	27.8
Muhlenberg	27.5
Carlisle	27.0
Caldwell	26.9
Mason	26.8
Bullitt	26.2
Meade	25.5
Henderson	25.0
McCracken	24.9
Warren	24.5
Crittenden	22.7
Union	21.9
Calloway	20.9
Marshall	20.7
Nicholas	19.7
Graves	19.6
McLean	18.6
Todd	18.6
Gallatin	17.7
Grant	17.1
Owen	17.0
Boone	15.8
Campbell	15.7
Trimble	15.2
Ballard	14.5
Pendleton	13.7
Kenton	13.3
Fulton	7.2
Hickman	6.5

Current Overall Incidence Rate  
52.53 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.